

Title (en)  
A damper

Title (de)  
Ein Dämpfer

Title (fr)  
Un amortisseur

Publication  
**EP 0999378 A1 20000510 (EN)**

Application  
**EP 99203600 A 19991101**

Priority  
NL 1010469 A 19981104

Abstract (en)

The invention relates to a damper (1) provided with a housing (2) in which there is accommodated a piston (3) with a piston rod (4), which piston (3) is movable and fits the wall of the housing (2) whilst being capable of dividing the housing (2) into at least a first chamber (5) and a second chamber (6). Between the first and the second chamber (5, 6) there are disposed passing means (8) for causing a gas and/or a liquid to flow from the first to the second chamber and vice versa. In a preferred embodiment of the invention the passing means (8) are constituted by a borehole (9) in the piston (3). <IMAGE>

IPC 1-7  
**F16F 9/06; F16F 9/34**

IPC 8 full level  
**F16F 9/06** (2006.01); **F16F 9/32** (2006.01); **F16F 9/34** (2006.01); **F16F 9/44** (2006.01); **F16F 9/48** (2006.01)

CPC (source: EP)  
**F16F 9/061** (2013.01); **F16F 9/3285** (2013.01); **F16F 9/34** (2013.01); **F16F 9/44** (2013.01); **F16F 9/48** (2013.01)

Citation (search report)

- [XAY] DE 2438874 A1 19760226 - BUCHBERGER WILHELM
- [Y] DE 3900817 A1 19900719 - BAUER FRITZ & SOEHNE OHG [DE]
- [Y] US 3304076 A 19670214 - DOVERSBERGER RICHARD A
- [YA] US 2962280 A 19601129 - HEISS JOHN P
- [Y] DE 3226777 A1 19840119 - GROBE HERBERT
- [A] FR 1061704 A 19540414

Designated contracting state (EPC)  
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)  
**EP 0999378 A1 20000510**; NL 1010469 C2 20000508

DOCDB simple family (application)  
**EP 99203600 A 19991101**; NL 1010469 A 19981104